

Product datasheet for MR218251

Pradc1 (NM_028505) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Pradc1 (NM_028505) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Pradc1
Synonyms: 1700040I03Rik; Pap21
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >MR218251 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGAGCCGTGGCGCCGGGCTGGTGCTGTCTCGTGCTGGCTGCCACGTGCGTCGGGCCACGGCT
 TACGCATCCATGACTACTTATACTTCCAAGTGCTGAGTCTGGGATATTCGATACATCTTCACAGCCAC
 ACCTGCCAAGGACTTTGGTGGGATATTTACACACGGTATGAGCAGATTCACCTCGTCCCTGCTGAACCT
 CCAGAGGCCTGCGGGAACTCAGCAACGGCTTCTTTATCCAGGACCAGATCGCTCTGGTGGAAAGGGCT
 ACATGATCCGCCGTTCTCTGGAACAGCACGGGCTACCATGGCCATCATCTCTATCCAGTCAATGTCAC
 CAGTATCCACCTTTGAGCTACTGCAACCTCCGTGGACTTTCTGG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR218251 protein sequence
 Red=Cloning site Green=Tags(s)
 MSRGAAGWCCLVLWLPVCVAHGLRIHDYLYFQVLSPGDIRYIFTATPAKDFGGIFHTRYEQIHLVPAEP
 PEACGELSNQFFIQDQIALVERGYMIRRSLEQHGLPWAIISIPVNVTSIPTFELLQPPWTFW

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-MluI



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Cloning Scheme:


ACCN: NM_028505

ORF Size: 399 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

- Reconstitution Method:**
1. Centrifuge at 5,000xg for 5min.
 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
 3. Close the tube and incubate for 10 minutes at room temperature.
 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq: [NM_028505.2](#), [NP_082781.1](#)

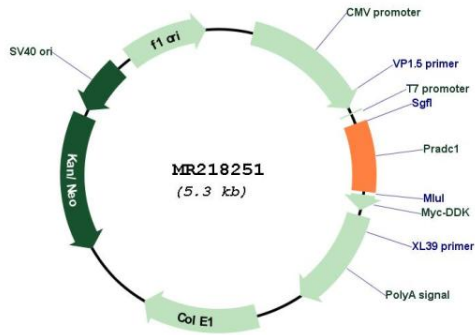
RefSeq Size: 914 bp

RefSeq ORF: 399 bp

Locus ID: 73327

UniProt ID: Q9D9N8
 Cytogenetics: 6 C3
 MW: 15 kDa
 Gene Summary: Plays a role in the modulation of physical activity and adiposity.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR218251